



# ecology and environment, inc.

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International Specialists in the Environmental Sciences

## MEMORANDUM

DATE: December 11, 1986

TO: John Osborn, FIT-RPO, USEPA, Region X

FOR: Joyce Crosson, RSCC, USEPA, Region X

THRU: David Buecker, FIT-OM, E&E, Seattle *GAB*

FROM: Roger McGinnis, Chemist, E&E, Seattle *rdm*  
Andrew Hafferty, Senior Chemist, E&E, Seattle *ggh*

SUBJ: QA of Case 6507 (Inorganics)  
Pasco Sanitary Landfill/Resource Recovery

REF: TDD F10-8611-01

CC: Gerald Muth, DPO, USEPA, Region X  
Marcia Knadle, ESD-PO, USEPA, Region X  
Deborah Flood, HWD-SM, USEPA, Region X

The initial Quality Assurance review of 26 samples, Case 6507, collected from Pasco Sanitary Landfill/Resource Recovery was completed on November 26, 1986. Twenty-six low level water samples were analyzed for HSL inorganics by Hittman Ebasco Associates, Inc., of Columbia, Maryland. The samples were numbered:

MJB106	MJB115	MJB125
MJB107	MJB116	MJB126
MJB108	MJB117	MJB127
MJB109	MJB119	MJB128
MJB110	MJB120	MJB129
MJB111	MJB121	MJB130
MJB112	MJB122	MJB131
MJB113	MJB123	MJB132
MJB114	MJB124	

M. Knadle, EPA Project Officer, called on December 10, 1986, with apparent inconsistencies in this data. Specifically, she questioned the data for calcium, iron, and magnesium in samples MJB115 and MJB116. The entire package was scanned, and a detailed review of the results and raw data for these two samples was completed. Nothing was found during this very careful review which would result in any change to the Quality Assurance Review of November 26, 1986. The data remains ACCEPTABLE based on our QA reviews.

AH/ng

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